

I CLAIM:

1. An ullage meter for a container of compressed gas, comprising

a color-changing coating on said container outer wall, said coating being formed in distinct

5. areas, each area sensitive to a particular color-changing temperature, each area having a number imprinted within it, the number being made visible by said color changing, the number defining the future ullage in said container once it has cooled to a particular temperature.

2. The ullage meter of Claim 1 in which the coating is painted on said container.

3. The ullage meter of Claim 1 in which the coating is a film applied to the surface of said  
10 container.

4. The ullage meter of Claim 1 in which said distinct areas are organized in groups, each group corresponding to a pre-determined final temperature for the tank.

5. The ullage meter of Claim 1 in which the indicating numbers are percentages of the gas that would be available compared to that of a filled, cooled tank at the same pressure.

6. The ullage meter of Claim 1 in which the indicating numbers are units of pressure to which a warm, filled tank will drop upon cooling to a particular temperature.